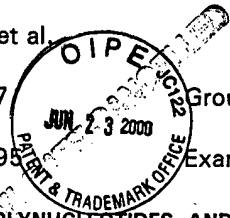


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Engelhardt et al.
 Serial No. 08/479,997
 Filed: June 7, 1998
 Title: OLIGO- OR POLYNUCLEOTIDES, AND OTHER COMPOSITIONS COMPRISING PHOSPHATE MOIETY LABELED NUCLEOTIDES



Group Art Unit: 1634

Examiner: Scott W. Houtteman

FILED BY EXPRESS MAIL

Honorable Commissioner of
 Patents and Trademarks
 Washington, D. C. 20231



Sir:

Transmitted herewith is a Second Supplemental Amendment to Applicants' January 4, 2000 Amendment Under 37 C.F.R. §1.115 in the above-identified patent application.

The fee has been calculated as shown below:

	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE
Total	122	Minus	176	= 0	X \$ 18	\$ 0
Indep	6	Minus	6	= 0	X \$ 78	\$ 0
()	First Presentation of Multiple Dependent Claims				+ \$260	\$ 0
	TOTAL ADDITIONAL FEE					\$ 0

- () Charge Deposit Account No. 05-1135 in the amount of \$ _____.
- () A check in the amount of \$ _____ is attached.
- (X) The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 05-1135: any filing fees under 37 C.F.R. §1.16 for the presentation of extra claims and any patent application processing fees under 37 C.F.R. §1.17.

Copies are being provided in triplicate.

Also enclosed: _____

Respectfully submitted,

Ronald C. Fedus
 Registration No. 32,567
 Attorney for Applicant(s)

June 22, 2000
 Date

ENZO DIAGNOSTICS, INC.
 c/o Enzo Biochem, Inc.
 527 Madison Avenue (9th Fl.)
 New York, New York 10022
 Tel. (212) 583-0100

Attorney's Docket No.: Enz-5(D6)(C2)

EXPRESS MAIL CERTIFICATE	
Express Mail Label No.	EL531126101US
Deposit Date	JUNE 22, 2000
I hereby certify that the paper and the attachments herein are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington DC 20231	
	JUNE 22 2000
Ronald C. Fedus Reg. No. 32,567	Date

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Engelhardt et al

Serial No.: 08/479,997

Filed: June 7, 1995

For: OLIGO- OR POLYNUCLEOTIDES, AND OTHER
COMPOSITIONS COMPRISING PHOSPHATE-
MOIETY LABELED NUCLEOTIDES
(As Previously Amended)

Group Art Unit: 1634

Examiner: Scott W. Houtteman,

527 Madison Avenue (9th Fl)
New York, New York 10022
June 22, 2000

FILED BY EXPRESS MAIL

Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231

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JUN 30 2000

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SECOND SUPPLEMENTAL AMENDMENT TO APPLICANTS'
JANUARY 4, 2000 AMENDMENT UNDER 37 C.F.R. §1.115

Dear Sirs:

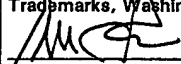
This is a supplemental response (Second Supplemental Amendment) to Applicants' January 4, 2000 Amendment Under 37 C.F.R. §1.115 which was in response to the March 29, 1999 Office Action issued in connection with the above-identified application. This paper also follows Applicants' June 20, 2000 Supplemental Amendment. It is believed that no extension request or fee(s) are necessary in connection with this Second Supplemental Amendment, a fee having been paid earlier with Applicants' January 4, 2000 Amendment.

EXPRESS MAIL CERTIFICATE

"Express Mail" Label No. EL531126101US

Deposit Date June 22, 2000

I hereby certify that this paper and the attachments herein are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington DC 20231.


Ronald C. Fedus
Reg. No. 32,567

JUNE 22 2000
Date